

### Timeline of Remedial Design for Lower 8.3 Miles of Lower Passaic River (part of Diamond Alkali Superfund Site)

This timeline was developed by EPA at the request of the Passaic River Community Advisory Group (CAG). This is only a summary of the dates and documents associated with the design. For official dates and full descriptions of the design requirements, please see the Administrative Settlement Agreement and Order on Consent for Remedial Design, CERCLA Docket No. 02-2016-2021.

Document	Due Date	Description (Summary)
Project Management Plan	1/17/17	Strategy to complete the Remedial Design and Remedial Action successfully, including, but not limited to: <ul style="list-style-type: none"> <li>• Overall management strategy for performing design</li> <li>• Proposed approach to contracting and general approach to Remedial Action</li> <li>• Communication strategy during design</li> <li>• Schedule</li> </ul>
Remedial Design Work Plan	1/17/17	Plans and technical approaches to performing design <ul style="list-style-type: none"> <li>• Description of data gaps/anticipated problems</li> <li>• Descriptions of how each major component in design will be approached and implemented</li> <li>• Emergency Response Plan</li> </ul>
Pre-Design Investigation (PDI) Work Plan	60 days after EPA's approval of the Remedial Design Work Plan	Sampling plan to gather information needed for the design, including a Health and Safety Plan and Quality Assurance Project Plan
Pre-Design Investigation Evaluation Report	1 year and 180 days after EPA approval of the PDI Work Plan	Report on the results of the Pre-Design Investigation sampling
Site Wide Monitoring Plan	60 days after EPA's approval of the Remedial Design Work Plan	Sampling plan to gather information on the extent of contamination 1) now, as a baseline; 2) during construction; 3) for the long-term after construction.
Site Selection and Evaluation Work Plan	90 days after EPA's approval of the Remedial Design Work Plan	Plan to identify and select a site or sites for the sediment handling station(s) and processing facility.
Site Selection and Evaluation Report	180 days after EPA's approval of Site Selection and Evaluation Work Plan	Report on the results of the work done to select a site or sites for the sediment processing facility.

Treatability Study Work Plan	90 days after EPA's approval of the Pre-Design Investigation Work Plan	Plan to evaluate capping technologies, sediment processing technologies, and habitat reconstruction techniques
Treatability Study Evaluation Report	180 days after EPA's approval of the Treatability Study Work Plan	Report on the results of the treatability studies
Preliminary (30%) Remedial Design	90 days after submittal of the Pre-Design Investigation Evaluation Report	Preliminary draft of the design, including but not limited to: <ul style="list-style-type: none"><li>• Outline of specifications</li><li>• Lists of drawings and schematics</li><li>• Draft schedule for construction</li><li>• Transportation and Off-Site Disposal Plan</li></ul>
Intermediate (60%) Remedial Design	120 days after EPA's comments on the Preliminary (30%) Remedial Design	Second draft of the design, including but not limited to: <ul style="list-style-type: none"><li>• Draft specifications</li><li>• Drawings and schematics</li><li>• Unit price lists</li><li>• Updated draft schedule for construction</li></ul>
Value Engineering Study Results	90 days after submittal of the Intermediate (60%) Remedial Design	Results of systematic study to identify and reduce unjustifiably high project costs without sacrificing reliability or efficiency
Pre-final (95%) Remedial Design	90 days after EPA's comments on the Intermediate (60%) Remedial Design and Value Engineering Study	Third draft of the design, including but not limited to: <ul style="list-style-type: none"><li>• Complete set of construction drawings/specifications</li><li>• Construction Quality Assurance/Quality Control Plan</li><li>• Operations and Maintenance Plan</li><li>• Institutional Controls Implementation Plan</li></ul>
Final (100%) Remedial Design	60 days after EPA's comments on the Pre-final (95%) Remedial Design	Final design